

Every employee and contractor working for Northern Powergrid, should go home at the end of each shift uninjured and in good health after a productive days work.

Primary Substation Lifting Beams

Historically primary substation fixed lifting beams were included in the 6 monthly external test / inspection regime.

These beams were installed during construction to assist in the installation of the switchgear and to enable switchgear to be replaced following disruptive failure.

Due to the fact that these beams are rarely used once the switchgear has been installed, the need for 6 monthly test / inspections seems a waste.

It is proposed that these beams will no longer be tested / inspected as a matter of course under the new contract.

Olympia Test & Crane Ltd. (current service provider) has stated that any lifting devise can be certified within 24 hours of notification.



A label will be fitted adjacent to the lifting beam giving details of who to contact should the beam require testing / inspecting.

All lifting equipment should display a valid 'in-service' tag (see adjacent image and inspection colour code chart overleaf). Do not use the equipment if the equipment does not have a valid 'in-service' tag fitted to it.

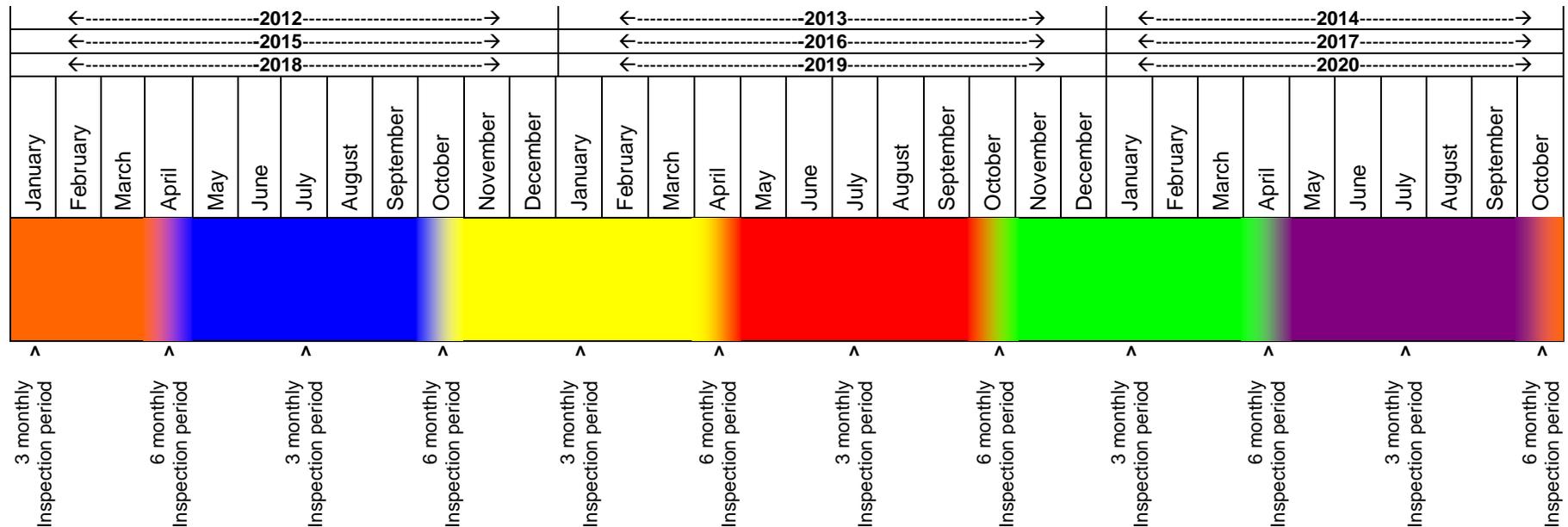
Equipment that is not required for service but may be required at a future time may be temporarily removed from the service and inspection program provided that all 'in service' tags are removed and provided that the equipment is securely quarantined.



Lifting equipment failures can have serious consequences.

Only ever use lifting equipment that has been inspected and appropriately 'tagged'

Colour codes applicable to equipment following a 3 and/or 6 monthly formal inspection



Notes for equipment users

1. A colour coded marker on the equipment which matches with the table above by date indicates that it has been formally inspected within that period.
2. During the inspection periods there will be an ongoing transition from one colour to the next. Ensure that you always know what colour(s) are currently valid.
3. Equipment must be inspected by the user before use, even if the equipment has a valid (i.e. "in date") colour marking applied.
4. After the inspection period any item not displaying the new colour code must be effectively secured against use until re-inspected.
5. Equipment subject to 3 monthly inspection intervals will be subject to an interim inspection whereby the colour will not change. The use of small tags for the first 3 months and followed by larger normal sized tags for the next 3 months, is in use and enables the user to identify when such equipment was last subject to a formal 3 monthly inspection.
6. Equipment subject to inspection intervals of 12 months or greater shall not be subject to colour marking, instead date marking on background colours not detailed in the table above shall be used (e.g. using white tags).